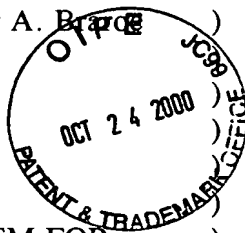# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
)
Eva Ingegerd Ejerhed and Peter A. Bruce) Group Art Unit: 2741
)
Application No.: 09/599,563) Examiner: Unassigned
)
Filed: June 23, 2000)
)
For: METHOD AND SYSTEM FOR)
INFORMATION EXTRACTION)

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56,

Applicants hereby submit information in conformance with 37 C.F.R. §§1.97 and 1.98.

Copies of the following are provided:

(1) AltaVista Search Developer's Kit 97, December 1997, [This document is a compilation of the HTML files available with the installed software,] Maynard, Massachusetts, pp. 1-43 plus A1 to A7.

(2) Braden-Harder, L. et al, Aug. 3, 1999, U.S. Patent No. 5,933,822, APPARATUS AND METHOD FOR AN INFORMATION RETRIEVAL SYSTEM THAT EMPLOYS NATURAL LANGUAGE PROCESSING OF SEARCH RESULTS TO IMPROVE OVERALL PRECISION.

(3) Cunningham, H. et al, 1997, Software infrastructure for Natural Language Processing, in Proceedings of *Fifth Conference on Applied Natural Language Processing* (31 March - 3 April 1997, Washington, DC, USA), Association for Computational Linguistics, pp. 237-244.

(4) Dahlgren, K. & Stabler, E., Aug. 11, 1998, U.S. Patent No. 5,794,050, NATURAL LANGUAGE UNDERSTANDING SYSTEM.

(5)   Grishman, R. & the TIPSTER Phase III Contractors, 1998,
        TIPSTER Text Architecture Design, Version 3,1 7 October
        1998, New York University, pp. 1-62.

(6)   Katz, B. & Winston, P.H., May 3, 1994, U.S. Patent No.
        5,309,359, METHOD AND APPARATUS FOR
        GENERATING AND UTILIZING ANNOTATIONS TO
        FACILITATE COMPUTER TEXT RETRIEVAL.

(7)   Kupiec, J., Dec. 9, 1997, U.S. Patent No. 5,696,962,
        METHOD FOR COMPUTERIZED INFORMATION
        RETRIEVAL USING SHALLOW LINGUISTIC
        ANALYSIS.

(8)   Kupiec, J. M., U.S. Patent No. 5,519,608, METHOD FOR
        EXTRACTING FROM A TEXT CORPUS ANSWERS TO
        QUESTIONS STATED IN NATURAL LANGUAGE BY
        USING LINGUISTIC ANALYSIS AND HYPOTHESIS
        GENERATION, [the MURAX system].

(9)   Liddy, E., Li Ming, Paik Woojin, & McKenna, Mary,
        Oct. 5, 1999, U.S. Patent No. 5,963,940, NATURAL
        LANGUAGE INFORMATION RETRIEVAL SYSTEM
        AND METHOD.

(10)   McKelvie, D., Brew, C. & Thompson, H., 1997, Using
        SGML as a basis for a data-intensive NLP, in Proceedings of
        Fifth Conference on Applied Natural Language Processing (31
        March - 3 April 1997, Washington, DC, USA), Association
        for Computational Linguistics, pp. 229-236.

(11)   Wilks, Y. & Gaizauskas, R., 1999, LaSIE jumps the GATE,
        in T. Strzalkowski (ed.), *Natural Language Information
        Retrieval*, Kluwer Academic Publishers, the Netherlands, pp.
        197-214.

(12)   Zajac, R., Casper, M. & Sharples, N., 1997, An open
        distributed architecture for reuse and integration of
        heterogenous NLP components, in Proceedings of *Fifth
        Conference on Applied Natural Language Processing* (31
        March - 3 April 1997, Washington, DC, USA), Association
        for Computational Linguistics, pp. 245-252.

For the convenience of the Examiner a form PTO-1449 is attached. Once these

items are considered, it is requested that an Examiner initialed copy of this form be

returned to the undersigned.

The examination and allowance of the application are respectfully requested.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: _____

Benton S. Duffett, Jr.
Registration No. 22,030

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

Date: October 24, 2000